



Attorney's Docket No. GJH-0130

# INFORMATION DISCLOSURE STATEMENT TRANSMITTAL FORM

In re application of: Robert J. Saxton, et al.  
Serial No: 10/021,801  
Filed: December 12, 2001  
For: IONIC MEMBRANE FOR ORGANIC SULFUR SEPARATION  
FROM LIQUID HYDROCARBON SOLUTIONS

Examiner: Unknown

Group Art Unit: 1723

The Honorable Commissioner for Patents  
Washington, D.C. 20231

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Sir:

Transmitted herewith are Information Disclosure Statement, PTO 1449 form, and copies of cited references.

This Information Disclosure Statement is submitted in accordance with the requirements of 37 CFR 1.56 and 1.97, before the mailing date of the First Office Action. No fee is due.

Post Office Address (to which correspondence is to be sent):  
ExxonMobil Research & Engineering Company  
(formerly Exxon Research & Engineering Company)  
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Annandale, NJ 08801-0900

Attorney  
Gerard J. Hughes  
Registration No. 41,855  
Tel. No (225) 977-4942

18 March 2002  
Date

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## CERTIFICATION OF MAILING (37 CFR 1.8 (a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, Washington D.C. 20231 on the date indicated below.

Judy Gould

(Name of person mailing paper)

(Signature of person mailing paper)

3/19/02  
(Date)

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PATENT  
Attorney's Docket No. GJH-0130

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Robert J. Saxton, et al.  
Serial No.: **10/021,801**  
Filed: December 12, 2001  
For: IONIC MEMBRANE FOR ORGANIC SULFUR  
SEPARATION FROM LIQUID HYDROCARBON  
SOLUTIONS

Art Unit: 1723  
Examiner: Unknown

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The Honorable Commissioner for Patents  
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

Sir:

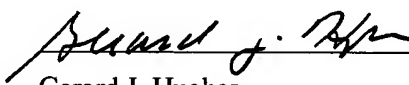
Pursuant to their duty of good faith and candor as set forth in 37 CFR 1.56(a), applicants request that the references cited on attached form PTO-1449 (copies of which are enclosed) be considered by the Examiner in connection with the search of the prior art required by 37 CFR 1.104.

This Statement is being filed under 37 CFR 1.97(b) prior to the latest of: (1) three months from the filing date of this Application; (2) three months after entry of the national stage in the case of an international application; or (3) prior to the mailing date of a first Office Action on the merits.

Applicant hereby notifies the Examiner of the existence of applicants' copending U.S. patent applications, having Serial Nos. 10/021,800 and 10/021,802, which involve technologies similar to this application.

Respectfully submitted,

Date: 18 March 2002

  
Gerard J. Hughes  
Reg. No. 41,855  
Tel. No. (225) 977-4942

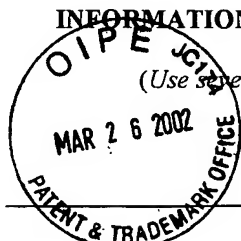
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## INFORMATION DISCLOSURE STATEMENT

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Atty. Docket No.

GJH-0130

Serial No.

10/021,801

Applicant

Robert J. Saxton, et al.

Filing Date

December 12, 2001

Group

1723

## U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
AA	2 9 4 7 6 8 7	8/2/60	Lee	210	23	
AB	5 0 5 5 6 3 1	10/8/91	Sartori et al.	585	819	
AC	3 0 4 3 8 9 1	7/10/62	Stuckey	260	674	
AD	5 2 8 8 7 1 2	2/22/94	Chen	210	640	
AE	4 8 0 2 9 8 7	2/7/89	Black	210	640	
AF	4 9 4 4 8 8 0	7/31/90	Ho et al.	210	640	
AG	5 6 3 5 0 5 5	6/3/97	Sweet et al.	208	99	
AH	5 0 1 9 6 6 6	5/28/91	Sartori et al.	585	819	
AI	4 9 9 7 9 0 6	3/5/91	Thaler et al.	528	272	
AJ	4 9 6 2 2 7 1	10/9/90	Black et al.	585	819	
AK	4 8 4 6 9 7 7	7/11/89	DeVellis et al.	210	640	

## FOREIGN PATENT DOCUMENTS

	Document Number	Publication Date	Name	Publication Class	Sub Class	Translation Yes	Translation No
AL						<input type="checkbox"/>	<input type="checkbox"/>
AM						<input type="checkbox"/>	<input type="checkbox"/>
AN						<input type="checkbox"/>	<input type="checkbox"/>
AO						<input type="checkbox"/>	<input type="checkbox"/>
AP						<input type="checkbox"/>	<input type="checkbox"/>

## OTHER DISCLOSURES (Inc. Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

AR "Organic Liquid Mixtures Separation by Permselective Polymer Membranes. 1. Selection and Characteristics of Dense Isotroic Membranes Employed in the Pervaporation Process," by Israel Cabasso, The Polymer Research Institute, State University of New York, College of Environmental Science and Forestry, Syracuse, NY 13210. Published in the Ind. Eng. Chem. Prod. Res. Dev., Vol. 22, No. 2, 1983 American Chemical Society, pp. 313-319.

AS  
AT

Examiner

Date Considered

\* Examiner:

Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and NOT considered. Include copy of this form with next communication to applicant.

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**GJH-0130**Serial No.  
**10/021,801**Applicant  
**Robert J. Saxton, et al.**Filing Date  
**December 21, 2001**Group  
**1723**

## U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
AA	4 7 9 8 6 7 4	1/17/89	Pasternak et al.	210	640	
AB	5 4 9 8 8 2 3	3/12/96	Noble et al.	585	818	
AC	5 6 4 3 4 4 2	7/1/97	Sweet et al.	208	302	
AD	4 5 3 2 0 2 9	7/30/85	Black et al.	208	308	
AE	5 3 9 6 0 1 9	3/7/95	Sartori et al.	585	819	
AF	3 5 5 6 9 9 1	1/19/71	Gerhold	208	321	
AG	5 9 0 5 1 8 2	5/18/99	Streicher et al.	585	804	
AH						
AI						
AJ						
AK						

## FOREIGN PATENT DOCUMENTS

Document Number	Publication Date	Name	Publication Class	Sub Class	Translation Yes	Translation No
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AM					<input type="checkbox"/>	<input type="checkbox"/>
AN					<input type="checkbox"/>	<input type="checkbox"/>
AO					<input type="checkbox"/>	<input type="checkbox"/>
AP					<input type="checkbox"/>	<input type="checkbox"/>

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